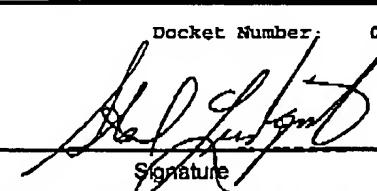


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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Timothy A. Booth Gregory S. Hasler Mark J. Hilbert David L. Zwetz  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: Caterpillar Inc. Internal Address: 100 N.E. Adams Peoria IL 61629-6490  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: 07/25/2003 07/23/2003 08/04/2003 08/05/2003					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 07/25/2003 A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Steve D. Lundquist Caterpillar Inc. Intellectual Property Department, AB6490 100 N. E. Adams Street Peoria IL 61629-6490			6. Total number of applications and patents involved: <input checked="" type="checkbox"/> 1  7. Total fee (37 CFR 3.41) ..... \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number:  03-1129		
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9. Signature. <div style="display: flex; justify-content: space-between;"><div>Steve D. Lundquist Name of Person Signing</div><div> Signature</div><div>Docket Number: 03-328 08/07/2003 Date</div></div> <div style="text-align: right;">Total number of pages including cover sheet, attachments, and documents: <input checked="" type="checkbox"/> 04</div>					

Mail documents to be recorded with cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

**ASSIGNMENT**

WHEREAS, MARK J. HILBERT, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Timothy A. Booth, Gregory S. Hasler and David L. Zwetz a new and useful

**METHOD AND APPARATUS FOR CALIBRATING A MARINE TROLLING VALVE**

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on Aug. 4, 2003; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Mark J. Hilbert  
MARK J. HILBERT

Aug. 4, 2003  
Date

IN WITNESS OF the execution hereof by MARK J. HILBERT we have hereunto set our hands.

Bradley J. Grogan 8/14/03  
Witness (1) Date  
Address: \_\_\_\_\_

4105 W. Hollow Trace Dr  
Peoria, IL 61615

Daniel R. Hangartner 8/14/03  
Witness (2) Date  
Address: \_\_\_\_\_

512 RIDGE LANE  
EUREKA, IL 61530



DUM / KAL

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 03, 2004

PTAS



\*102527461A\*

CATERPILLAR INC  
STEVE D. LUNDQUIST  
100 N.E. ADAMS STREET  
PEORIA, IL 61629-6490UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/07/2003

REEL/FRAME: 014382/0791  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

BOOTH, TIMOTHY A.

DOC DATE: 07/25/2003

## ASSIGNOR:

HASLER, GREGORY S.

DOC DATE: 07/23/2003

## ASSIGNOR:

HILBERT, MARK J.

DOC DATE: 08/04/2003

## ASSIGNOR:

ZWETZ, DAVID L.

DOC DATE: 08/05/2003

## ASSIGNEE:

CATERPILLAR INC  
100 NE ADAMS  
PEORIA, ILLINOIS 61629-6490RECEIVED  
INTELLECTUAL PROPERTY

MAR 10 2004

CATERPILLAR INC.

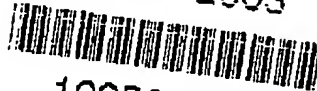
014382/0791 PAGE 2

SERIAL NUMBER: 10635998  
PATENT NUMBER:

FILING DATE: 08/07/2003  
ISSUE DATE:

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08-18-2003



102527461

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OMB No. 0651-0027 (exp. 6/30/2006)

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Timothy A. Booth  
Gregory S. Hasler  
Mark J. Hilbert  
David L. Zwetz

8-7-03

## 2. Name and address of receiving party(ies):

Name: Caterpillar Inc.  
Internal Address:  
100 NE Adams  
Peoria IL 61629-6490

19587 U.S. PTO  
10/635998

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 07/25/2003  
07/23/2003  
08/04/2003  
08/05/2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 07/25/2003

A. Patent Application No.(s) 10635998

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Steve D. Lundquist  
Caterpillar Inc.  
Intellectual Property Department, AB6490  
100 N. E. Adams Street  
Peoria IL 61629-6490

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

03-1129

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## 9. Signature.

6TOM11 00000105 031129 10635998

40.00 DA

Steve D. Lundquist

Name of Person Signing

Docket Number 03-328

Signature

08/07/2003

Date

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